

ACC NR: AP6035757 (A,N) SOURCE CODE: UR/0413/66/000/019/0130/0130

INVENTOR: Koblik, L. M.; Khlopin, A. N.; Keller, I. N.; Yelokhov, I. V.

ORG: none

TITLE: Plunger pump. Clas 59, No. 186860

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 19, 1966, 130

TOPIC TAGS: pump, high pressure pump, engine fuel pump

ABSTRACT: An Author Certificate has been issued for a plunger pump (see Fig. 1) of variable capacity with a by-pass for part of the high-pressure fuel into an overflow; the pump contains a rotor with pistons moving on the surface of a thrust washer which is coupled with the rod of a servomechanism located in a sleeve. To decrease wear on the pistons and thrust washer, and to control the by-pass of the high-pressure fuel into the overflow, the bushing is provided with profiled apertures and the rod with cut-off rims. Orig. art. has: 1 figure.

Card 1/2

UDC: none

ACC NR: AP6035757

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721510011-3"

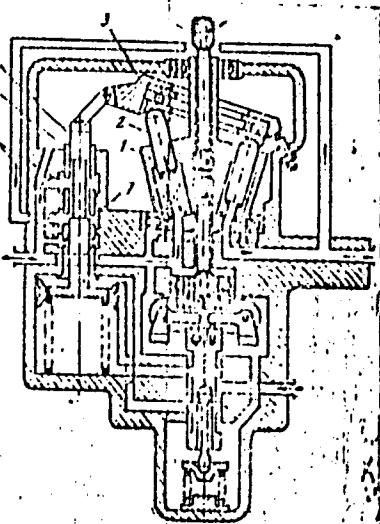


Fig. 1. Plunger pump

- 1 - Rotor
- 2 - pistons
- 3 - thrust washer
- 4 - rod
- 5 - sleeve
- 6 - profiled apertures
- 7 - cut-off rim

SUB CODE: 13/ SUBM DATE: 12Jun65

Card 2/2

KELLER, J.

SA

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

100 AND 4TH EDITIONS

3926. Compensated feedback thermostat. — KELLER, J. Kwart, Trilekman, 10 (Nos 3-4) 52-9 (1947) In 'Vilok.—Basic principles of a temperature regulator consisting of a heater in the form of a resistance bridge, sensitive to temperature, and of a thermionic tube amplifier are given. Input and output of the amplifier are connected to both diagonals of the bridge. No other external sources are used for feeding the bridge and heating the thermostat. The arrangement provides both high stability and reliability of operation. Compensation for the temperature fluctuations inside the thermostat is effected by separation of one part of one bridge resistor from the rest of the bridge. Temperature measurements in a simple thermostat based on this principle showed fluctuations smaller than 0.01°C for changes of the outside temperature of well over 10°C. The temperature of the thermostat reached its final value of 50°C in two hours from the beginning of the operation. A.

B 64
l

ATA-51A METALLURGICAL LITERATURE CLASSIFICATION

ECONOMIC

TECHNICAL

GENERAL SUBJECT

SERIALS AND BOOKS

SCIENTIFIC

TECHNICAL

2598. THE SPATIAL VECTORCARDIOGRAPH J Kettler
and J. Edel.

Bull. Acad. Polon. Sci. Cl. 4, Vol. 2, No. 1, 47-50, 1954

AID A double beam c.r. tube is used to produce a single image of the heart vector locus using 3 electrodes on the chest. Amplifiers combine the voltages and give a ratio of one to one image to stimulate binocular viewing, and a 10 cm. screen is used with cut-off device for viewing one eye only. Advantages are claimed over ordinary electro-cardiography

F.T. Farmer

Keller, J.

611.12 621.3.014.1

1629. A NEW METHOD OF SPATIAL REPRESENTATION
OF THE ELECTRICAL CURRENTS OF THE HEART

J.Keller and J.Ekiel

Arch.elektrotech (Warsaw), Vol. 3, No. 2, 181-230 (1964)
In Polish with summary (3 pp) in English

Electrical phenomena in the heart are discussed and an approximate expression for the potential distribution in a patient as a function of the heart's electrical vector is derived. Principles and methods of the linear (unidimensional) and vector cardiology are reviewed and their shortcomings are analysed. Many of the deficiencies are overcome by the new method which is based on a stereoscopic projection of the heart vector. The equipment for stereoscopic cardiology consists of two separate units. The first of these comprises a screened cage (for the patient), pre-amplifiers and batteries. The second unit consists of electronic circuits for co-ordinate transformation, circuits for producing voltages corresponding to a pair of stereoscopic planes, output amplifiers, an electronic switch, three c.r.t.'s and a number of ancillary circuits. One of the c.r.t.'s is used for linear cardiology, while the

OVER

J. Kotter and J. F. Kivit

remaining two are employed for direct stereoscopic observation and photography. The ancillary circuits include a time selector, a velocity-controlled brightness demodulator and a time-marker generator. The equipment produces a pair of stereoscopic pictures of the envelope of the electric heart vector. This is done by the electronic devices which produce a stereoscopic difference between the components of the pair. The coordinate-transformation device enables the vector envelope to be observed from various directions without changing the position of the pick-up electrodes. It is also possible to project the vector envelope on to two perpendicular planes. Block schematic of the equipment and circuit diagrams of its constituent elements are given, and their operation is described. The paper is illustrated by a number of stereoscopic photographs and contains 81 references.

R.S.Sidowicz

KELLER, J.

New horizontal drilling machine with a spindle 250 mm in diameter.

p. 284.

New method in the production of pressing tools. p. 285.

STROJIRENSKA VYROBA, Prague, Vol. 3, no. 7, July 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Unclassified.

KELLER, Jancs; TOSZEGI, Zoltan

Labor control methods on state farms. Munka szemle 5 no.10:22-26
O '61.

KELLER, Jiri, inz.

Semiconductor power rectifiers and rectification stations.
Tech prace 15 no.9:668-671 S'63.

1. Ceskomoravska-Kolben-Danek Praha.

KELLER, L.

Instruction for the future.

p. 4 (Constructorul) Vol. 8, no. 370, Feb. 1957, Bucuresti, Rumania

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

KELLER, I.

"Some Considerations in Studying the Daily Variation of the Specific Volume of
Air, Zhurn. geofiziki i meteorologii (Journal of Geophysics and Meteorology)
Vol I, No II, 1942.

SO: U-3039, 11 Mar 1953

KELLER, Laszlo

Technical level of the production in the state construction industry. Stat szemle 41 no.2:138-154 F '63.

1. Kozponti Statisztikai Hivatal foeloadoja.

KUSZTOS, Denes, dr.; KELLER, Laszlo, dr.

Rheography. Orv.hetil. 102 no.6:251-254 5 F'61.

1. Fovarosi Istvan Korhaz, I. Belosztaly.
(HEART physiol)
(BRAIN physiol)

KELLER, László, dr.; KUSZTOS, Dezső, dr.

Regression in diabetes mellitus caused by cerebrovascular insultus.
Orv. hetil. 102 no.19:896-898 7 My '61.

l. Fevarosi Istvan Korhaz, I Belosztaly, Budapest.

(DIABETES MELLITUS) (CEREBRAL HEMORRHAGE)

KELLER, Laszlo, dr.

Porto-systemic encephalopathy. Orv. hetil. 102 no. 52:2462-2466 D '61.

1. Budapesti Orvostudomanyi Egyetem, III Belklinika.

(BRAIN dis) (PORTAL VEINS dis)

KELLER, Laszlo, dr.; GERGELY, Janos, dr.

Experiences with Triparanol, a drug inhibiting cholesterol biosynthesis,
in atherosclerotic patients. Orv. hetil. 103 no.15:690-692 15 Ap '62.

1. Budapesti Orvostudomanyi Egyetem, III Belklinika.
(ARTERIOSCLEROSIS ther) (CHOLESTEROL antag)

ZULIK, Robert, dr.; KELLER, Laszlo, dr.

Diagnosis of high (peribasal) myocardial infarct. Orv. Hetil. 104
no.10:454-456 10 Mr '63.

1. Budapesti Orvostudomanyi Egyetem, III. Belklinika.
(MYOCARDIAL INFARCT) (ELECTROCARDIOGRAPHY)

ERDELYI, G.; KELLER, L.; BALAZSI, I.

I-131-labeled triolein studies in atherosclerosis. Acta med. acad.
sci. hung. 19 no.1:85-94 '63.

1. III. Medizinische Klinik der Medizinischen Universität Budapest
(Direktor: Prof. Dr. S. Gero).
(ARTERIOSCLEROSIS) (IODINE ISOTOPES, DIAGNOSTIC)
(TRIOLEIN)

REVIEWED

DRAGYI, Lajos, Dr., KELLER, Laszlo, Dr., MAASSI, Ferenc, Dr.; Medical University, III. Clinic of Internal Medicine (Orvostudomanyi Egyetem, III. Belklinika), Budapest.

"The Examination of Atherosclerotic Patients with Iodine-131 Triolein."

Budapest, Orvosi Hetilap, Vol 104, No 16, 21 Apr 63, pp 732-735.

Abstract: [Authors' Hungarian summary] After the administration of I-131 labelled triolein hydrochloride, orally, the level and persistence of activity in the sera of atherosclerotic patients was greater than in the sera of normal controls. Patients suspected of coronary sclerosis but showing no indications of it by the usual clinical tests had activity values which resembled in part those of normal values and in part those of atherosclerotic values. The authors believe on the basis of evidence in the literature and their own data that the method may aid in the early diagnosis of atherosclerosis. Of 44 references, all are Western.

1/2

report on suffering from coronary disease in terms of the number of action mechanisms. The results in terms of the decrease in the serum lipid successfully as well as in terms of the decrease in the serum lipid level were, so far, unsatisfactory. Better results can only be hoped for with the introduction or combined use of drugs with greater potency and less side effects. 3 Hungarian, 17 Western references.

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4

KELLER, Laszlo, dr.; RETSAGI, Gyorgy, dr.; BARY, Lujza, dr.; GERGELY, Janos, dr.; GERO, Sandor, dr.

Our experiences with several antilipemic agents. Orv. hetil. 104
no. 22: 1024-1025 2 Je '63.

1. Budapesti Orvostudomanyi Egyetem, III. Belklinika.
(CORONARY DISEASE) (HEPARINOID) (ALCOHOL)
(PEPTIDES) (HYPERCHOLESTEREMIA) (FATTY ACIDS, ESSENTIAL)

KELLER, Laszlo, dr.; MOLNAR, Gyula, dr.; ZULIK, Robert, dr.

Evaluation of the vasodilator effect of intra-arterial Mydeton
in dogs. Orv.hetil. 105 no.6:250-251 9 F'64.

1. Budapesti Orvostudomanyi Egyetem, III. Belklinika.

*

KUSZTOS, Denes, dr.; KELLER, Laszlo, dr. FONO, Jozsef, dr.

Rheographic examination of the effect of syncardial massage.
Orv. hetil. 105 no.12:550-553 22 Mr'64.

l. Fovarosi Istvan Korhaz, I.Belosztaly.

*

HETSAGI, Gyorgy, dr.; KELLER, Laszlo, dr.; BALFZSI, Imre, dr.

Late prognosis of myocardia infarct (based on a 9 year follow-up).
I.Criteria of survival. Orv. hetil. 105 no.16:721-724; 19 Ap'64

1. Budapesti Orvostudomanyi Egyetem, III. Belklinika.

*

KELLER, Laszlo, dr.; RETSAGI, Gyorgy, dr.; BALAZSI, Imre, dr.

Late prognosis of myocardial infarct (based on a 9 year fol-low-up). II. Factors contributing to survival. Orv. hetil.
105 no.17:771-775 26 Ap'64

1. Budapesti Orvostudomanyi Egyetem, III. Belklinika.

*

KELLER, Laszlo, foeloado

Material consumption of the state construction industry.
Pt.1. Stat szemle 42 no.11:1122-1134 N '64.

1. Central Statistical Office, Budapest.

PETSAGI, Gy; KEMLER,L.; GERO, S.

Serum cholesterol and total lipid levels in coronary heart
disease. Cor Vasa 7 no.1:14-17 '65

1. IIIrd Department of Medicine, Medical University of Budapest.

KELLER, Laszlo, dr.

Pathophysiological and clinical significance of magnesium metabolism.
Orv. hetil. 105 no.34:1585-1589 23 Ag '64.

1. Budapesti Orvostudomanyi Egyetem, III. Belklinika (igazgato:
Gero Sandor dr.).

RETSAGI, Gyorgy, dr.; KELLER, Laszlo, dr.

Blood serum cholesterol and total blood lipids in 3324 examined subjects. Orv. hetil. 105 no.47;2225-2229 22 N '64.

1. Budapesti Orvostudomanyi Egyetem, III. Belklinika (igazgato: Gero Sandor dr.).

KOUL, M. [Cole, M.]; KORZH, N.; KELLER, L.

Probability learning in long training. Vop. psichol. 11 no.2:
75-78 Mr-Ap '65. (NIRA 18;6)

1. Kafedra psichologii Moskovskogo gosudarstvennogo universiteta
i Indiananskogo universitetsa, SShA.

KELLER, Laszlo, dr.; ERDELYI, Gabor, dr.; SEBESTYEN, Margit, dr.;
MADARASZ, Maria, dr.

Increase of the diagnostic value of the I-131 triolein test
in atherosclerosis. Orv. hetil. 106 no.42:1974-1975 170 '65.

1. Budapesti Orvostudomanyi Egyetem, III. Balklinika (igazgato:
Gero, Sandor, dr.).

Nuclear Medicine

HUNGARY

GACS, Janos, Dr., KELLER, Jaszlo, Dr., PAL, Imre, Dr., TORKO, Janos, Dr.; Medical University of Budapest, III. Medical Clinic (director: GERO, Sandor, Dr) (Budapesti Orvostudomanyi Egyetem, III. Belklinika), and National Atomic Energy Commission, Isotope Institute (director: TETENYI, Pal, Dr) (OAB -- Orszagos Atomenergiai Bizottsag --, Izotop Intezet).

"Study of the Mg²⁸ Metabolism of Individuals With Coronary Sclerosis."

Budapest, Orvosi Hetilap, Vol 107, No 35, 28 Aug 66, pages 1644-1645.

Abstract: [Authors' Hungarian summary] The disappearance from the plasma and excretion through the urine of i.v.-administered Mg²⁸ was studied in 8 individuals with coronary sclerosis and 7 controls. The excretion of Mg²⁸ in the urine was found to be significantly decreased in coronary sclerosis. 2 Hungarian, 12 Western references.

1/1

well as the arachidonic acid fraction of the phospholipid were found to be lower in both of the atherosclerotic groups than in the case of the controls. In the cerebrosclerotic group, the palmitic acid content of the phospholipid fractions was found to be considerably higher than either in the coronary sclerotic or in the normal group. No characteristic deviations were found among the groups examined with respect to the ratio between saturated and unsaturated fatty acids.

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1/1

KELLER, Laszlo, foelloado

Use of materials in the state construction industry. Pt.2.
Stat szemle 42 no.12;1208-1218 D '64.

1. Central Statistical Office, Budapest.

KELLER, M.

Speedy polishing in Soviet industry. p. 455.
MECHANIK, Warazawa. Vol. 28, no. 12, Dec. 1955.

SOURCE: East European Acession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956.

KELLER, M.

KELLER, M. Rotary polishing machines working with worm discs for wheels gears. p. 43

Vol. 29, no. 2, Feb. 1956
MECHANIK
TECHNOLOGY
Warszawa, Poland

So: East European Accession, Vol. 6, no. 2, 1957

KELLER, M.

The present state of mechanical surface finishing. p. 133. (Mechanik, Vol. 20, No. 4, Apr 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (FEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

VECSEI (WEISZ), P.; TANKA, D.; KELLER, Maria; KEMENY, Vera; MARTON, J.;
GOSZTONYI, T.

Determination of succinic dehydrogenase by means of ^{14}C -labelled triphenyl
tetrazolium chloride. Acta physiol. acad. sci. hung. 22 no.2:125-129
'62.

l. National Institute of Rheumatology and Department of Organic Chemistry
of the Isotope Institute of the National Atomic Energy Comission, Budapest.
(TETRAZOLIUM SALTS) (SUCCINATE DEHYDROGENASE)

DOLLE, Attila; ZAGYVAL, Istvan; KELLER, Maria

Changes in the chemical composition of pelts during their steeping.
Pt. 2. Bor cipo 14 no.4:217-219 '61 '64.

1. Panonnia Fur Factory (for Dolle). 2. Budapest Technical University
(for Zagyal). 3. National Institute of Rheumatism and Rehabilitation
(for Keller).

L 23520-66 KWT(1) SCTB DD

ACC NR: AP6008726

(A)

SOURCE CODE: UR/0356/65/000/011/0012/0015

AUTHOR: Lipov, Yu. (Engineer); Keller, N. (Engineer)

26

B

ORG: none

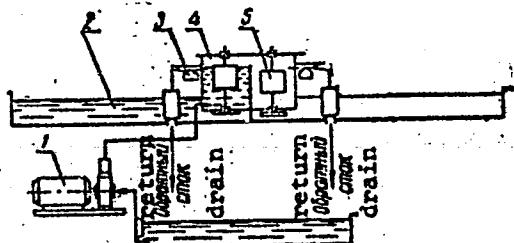
TITLE: Well method for distributing the solution in hydroponics

21

SOURCE: Tekhnika v sel'skom khozyaystve, no. 11, 1965, 12-15

TOPIC TAGS: hydroponics, agricultural machinery, plant growth

ABSTRACT: The authors describe a well method for feeding and distribution of the nutrient solution in hydroponic plant growing developed in 1962 by the All-Union Scientific Research Institute of Agricultural Machine Building. This method incorporates the sectional distribution system but eliminates the special central distributors and the additional level control system. A diagram of the well system is shown in the figure.



UDC: 631.589.2

Card 1/2

2

L 23520-66

ACC NR: AF6008726

Pump 1 is turned on according to a preset program or by pressing a button on the control panel and the solution is fed to the first distributor well 4. When the solution in section 2 reaches a given level, float valve 5 stops the flow into this section. This raises the level in the first distributor well and the solution flows through a divider into the second distributor well. When the solution in the second tray reaches a given level, it flows into the third well, etc. As the solution fills each subsequent tray, it simultaneously overflows into the reservoir through drain unit 3. The pump is switched off when the last tray is filled and the liquid fertilization cycle is completed. The solution may be drained off by a siphon system, float valves, etc. The new method combines the operations of distribution and level control. A description is given of the BGT-600 installation designed for carrying out this nutrient distribution method. The operation of the automatic control unit in this installation is discussed and a schematic diagram of the automatic control unit is given. Orig. art. has: 6 figures.

SUB CODE: 02,13/ SUBM DATE: 00/ ORIG REF: 000/ OTH REF: 000

Card 2/2 Jd

KELLER, N.B.

New lower Carboniferous tetracorals from Dzhezkazgan District
(Kazakhstan). Paleont.zhur. no.4:90-99 '59.
(MIRA 13:6)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.
Lomonosova.
(Dzhezkazganskiy District--Corals, Fossil)

KELLER, N.B.

Upper Silurian Tabulata of the Nurinsk synclinorium (southern margin of the Karaganda Basin). Biul. MOIP Otd. geol. 37 no.6:135-136 N-D '62. (MIRA 16:8)

LIPKIN, Yam Matanovich; SOLOK, Alla Mikhaylovna; SHKOLA, Oleg
Ivanovich; KELLER, O.K., red.

[Ultrasonic cleaning of pipes] Ul'trazvukovaja ochistka trub.
Leningrad, 1965. 22 p. (MIRA 18:5)

MODEL', Zinoviy Iosifovich; KELLER, O.K., retsenzent; SHUMLYANSKIY, I.I.,
retsenzent; NOVIKOVA, Ye.S., red.; SHEFER, G.I., tekhn. red.

[Radio transmitters] Radioperedaiushchie ustroistva. Moskva, Gos.
izd-vo lit-ry po voprosam sviazi i radio, 1961. 463 p.
(MIRA 14:8)

(Radio—Transmitters and transmission)

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CIA-RDP86-00513R000721510011-3"

GAL'PERIN, Ada Naumovna; DÓBRÓVOL'SKAYA, Valentina Ivanovna;
KELLER, Oleg Konstantinovich; LUBYANITSKIY, Grigoriy
Davidovich; RADCHENKO, L.A., red.

[Small transistorized ultrasonic unit with a 100 watt power
capacity for universal technological use] Malogabaritnaiia
ul'trazvukovaia ustanova moshchnost'iu 100 vt universal'nogo
tekhnologicheskogo primeneniia na poluprovodnikovykh triodakh.
Leningrad, 1965. 24 p. (MIRA 18:7)

L-20729-66 EWA(h)/EWP(k)/ENT(d)/ENT(m)/EWP(h)/EWP(l)/EWP(v)/EWP(t) JV
ACC NR: AP6004850 SOURCE CODE:UR/0119/66/000/001/0016/0016

AUTHCR: Keller, O. K. (Engineer); Lubyanitskiy, G. D. (Engineer)

ORG: none

TITLE: Cleaning small parts by means of an UZU4-01-1 ultrasonic outfit 14

SOURCE: Priborostroyeniye, no. 1, 1966, 16 28

TOPIC TAGS: ultrasonic cleaning, ultrasonic equipment / UZU4-01-1 ultrasonic cleaner

ABSTRACT: The UZU4-01-1 ultrasonic cleaner comprises a generator and two baths. The transistorized generator develops 100 w at 18 ± 7.5% kc and 400v; efficiency, 60%. One bath with a piezoelectric transducer is intended for ultrasonic cleaning, the other for rinsing. Of three organic solvents -- freon-113, gasoline B-70, and trichloroethylene -- the first is considered preferable as it is less toxic, explosion-safe, and quick-acting (5–20 sec are enough for cleaning oil-contaminated parts). Cleaning the parts soiled with various substances (resins, rosin, flux, fats, etc.) is briefly discussed. Orig. art. has: 1 figure and 1 table. [03]

SUB CODE: 13 / SUBM DATE: none / ATD PRESS: 4223

Card 1/1

UDC: 62-868.8

KELLER, R.; PASSER, H.; KAS, V.

Effect of the shape of coal core. Paliva 41 no.1:8-12
Ja '61.

1. Hornicky ustav, Ceskoslovenska akademie ved.

KLAN, J.; KELLER, R.

Drying and sorting the coke charge in a model gas drying kiln.
Paliva 43 no.7:197-203 Jl '63.

1. Hornicky ustav, Ceskoslovenska akademie ved.

S/080/60/033/012/024/024
D209/D305

AUTHORS: Keller, R.E., Rychkova, A.G., and Prudnichenko, Ye.K.

TITLE: Vinyl ethers, their polymers and copolymers for synthetic alcohols of the Shebenskiy Combine of Synthetic Aliphatic Acids and Alcohols

PERIODICAL: Zhurnal prikladnoy khimii, v. 33, no. 12, 1960,
2801 - 2802

TEXT: In view of the large quantity of alcohols produced at the Shebekinskiy Kombinat (Shebenskiy Combine) in the synthesis of fatty acids from petroleum paraffin the authors decided to test the possibility of using these alcohols as material for preparing vinyl alcohols, their polymers and copolymers. The method of A.Ye. Favorskiy et al (Ref. 4: Zh. obshch. khimii, 13, 1, 1943) was employed in the vinylization process, when three varieties of vinyl ether were obtained with the following boiling points and molecular weights: 165 - 210°, 172.0; 211 - 244°, 224.9; 247 - 276°, 250.6. These fractions are readily polymerized with a FeCl_3 cata-

Card 1/2

S/080/60/033/012/024/024
D209/D305

Vinyl ethers, their polymers ...

lyst and are additionally copolymerized with vinyl-butyl, vinyl-amyl and vinyl-furfuryl ethers. The authors also copolymerized vinyl ethers of the fraction boiling at 165 - 210° with styrol in sealed glass ampoules at 60° for 32 hours. The catalyst consisted of benzoyl peroxide, the molecular ratios of vinyl ether to styrol being 1 : 1, 1 : 3, 1 : 7, 3 : 1, 1 : 0, and 0 : 1. The best results, yielding a good plastic copolymer, were obtained with a molecular ratio of 1 : 7. Thus, the authors conclude that much of the ✓ alcohol at the Shebenskiy Combine may be converted into vinyl ethers which in turn are easily polymerized and copolymerized with styrol to provide material suitable for the preparation of plastics. There are 2 tables and 4 Soviet-bloc references.

ASSOCIATION: Voronezhskiy lesotekhnicheskiy institut (Voronezh Institute of Timber Technology)

SUBMITTED: May 30, 1960

Card 2/2

KELLER, R.E.; PRUDNICHENKO, Ye. K.

Syntheses of acetaldehyde acetals based on vinyl ethers and
 α -terpineol. Zhur VKHO 6 no.2:232 '61. (MIRA 14:3)

1. Voronezhskiy lesotekhnicheskiy institut.
(Acetaldehyde) (Ethers) (Terpineol)

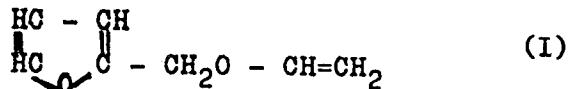
S/079/61/031/006/003/005
D223/D305

AUTHORS: Rychkova, A.G., and Keller, R.E.

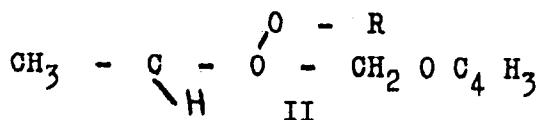
TITLE: Synthesis of vinylfurfural ether, ethylfurfural-and-n-butylfurfural acetaldehyde acetals

PERIODICAL: Zhurnal obshchey khimii, v.31,no.6,1961,1849-1851

TEXT: By direct addition of acetylene to furfural alcohol, vinyl furfural ester



was synthesized. Action of furfural alcohol on the vinyl esters of ethyl and butyl alcohols, ethylfurfural-and-n-butylfurfural acetaldehyde acetal were synthesized, i.e.



where $\text{R} = \text{C}_2\text{H}_5$, $\text{H} = \text{C}_4\text{H}_9$.

Card 1/4

S/079/61/031/006/003/005
D223/D305

Synthesis of vinylfurfurol ether, ethylfurfurol-and-n-buthylfurfurol acetaldehyde acetals

The furfurol alcohol was obtained from furfurol by the Cannizaro reaction. The authors explain the synthesis process of vinyl furfurol ether and point out that the composition of vinyl ether in respect of acetaldehyde was found by the hydrolytic oxime formation method of M.F. Shostakovskiy (Ref 1: Prostyye vinilovyye efiry, (Simple Vinyl Ethers), Izd. AN SSSR, 1952), and found to be 98.68, 98.28% aldehyde. Vinylfurfurol ether polymerizes to a viscous liquid in the presence of iron chloride. The initial materials for the synthesis of acetaldehyde acetal were: vinyl ethyl ether (b.pt. 39.5°C, n_{D}^{20} = 1.377, d_4^{20} = 0.7532), vinyl-n-butyl ether (b.pt 93.5°C, n_{D}^{20} = 1.4026, d_4^{20} = 1.7791) and furfurol alcohol.

The synthesis was done by the method of Favorskiy-Shostakovskiy (Ref 1: Op. cit). During synthesis the cooling continued in order to cut down the side reaction and possible decomposition of acetaldehyde and corresponding alcohols (Ref 2: M.F. Shostakovskiy and

Card 2/4

S/079/61/031/006/003/005
D223/D305

Synthesis of vinylfurfural ether, ethylfurfural-and-n-buthylfurfural acetaldehyde acetals

N.A. Gershteyn, Zhokh, 16, 937, 1946). When the reaction ended the temperature was brought to room temperature, potash added to neutralize the acid and then distilled in vacuo. The final purification was done with metallic sodium and re-distillation in vacuo. Yield 24.2 grams (51.99%). The hydrolytic oxime formation yielded 97.34, 98.24% of aldehyde. N-butylylfurfural-acetaldehyde was synthesized using 24.5 gr. of furfural alcohol and 25.05 gr. of vinyl-n-butyl ether mixed in a flask fitted with a thermometer. After addition of a catalyst - a drop of concentrated hydrochloric acid - the temperature rose to 93°C. When the reaction ended the excess acid was neutralized with fresh potash and distilled in vacuo. Further purification was done with metallic sodium and re-distillation in vacuo. The yield of acetal was 29.66 gr. (59.84%). The hydrolytic oxime formation gave 97.34, 98.72% of aldehyde. The acetal obtained was a colorless liquid with a pleasant fruity odor, of good solubility in ether, alcohol and benzene. There are ✓

Card 3/4

S/079/61/031/006/003/005
D223/D305

Synthesis of vinylfurfural ether, ethylfurfural-and-n-butylylfurfural acetaldehyde acetals

2 Soviet-bloc references.

ASSOCIATION: Voronezhskiy lesotekhnicheskiy institut (Forestry Engineering Institute, Voronezh)

SUBMITTED : July 1, 1960

Card 4/4

KELLER, R.E.; PRUDNICHENKO, Ye.K.

Synthesis of ethyl- Δ^1 -p-menthen-8-yl-, n-butyl- Δ^1 -p-menthen-8-yl-, p-methylcyclohexyl- Δ^1 -p-menthen-8-yl-, and p-menthan-3-yl- Δ^1 -p-menthen-8-yl acetaldehyde acetals. Zhur.ob.khim. 31 no.10:3220-3222 0 '61. (MIRA 14:10)

1. Voronezhskiy lesotekhnicheskoy institut.
(Acetaldehyde) (Ethers)

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721510011-3

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721510011-3"

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APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721510011-3"

KELLER, S.Yu, kandidat tekhnicheskikh nauk, dotsent; SERDYUK, V.K.,
inzhener, redaktor; RUDENSKIY, Ya.V., tekhnicheskiy redaktor.

[Injectors] Inzhektory. Kiev, Gos. nauch.-tekhn. izd-vo mashino-
stroit. i sudostroit. lit-ry, 1954. 95 p. (MLRA 7:10)
(Injectors)

SOV/124-57-3-3312

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 3, p 97 (USSR)

AUTHOR: Keller, S. Yu.

TITLE: The Impulsometer and Its Operation (Impul'somer i issledovaniye
yego raboty)

PERIODICAL: Nauch. zap. L'vovsk. s.-kh. in-t, 1955, Vol 5, pp 296-310

ABSTRACT: The paper gives a description of a well-known instrument for the determination of the flow velocity of a liquid or steam from the deflection angle of a pendulum plate which faces the impinging flow. The paper contains a number of erroneous statements. 1. The author considers the instrument described to be "new" and suggests its installation "for measuring the wind velocity at the meteorological stations of the USSR". Actually, the "wind meter" recommended by the author is nothing but the well-known simple anemometer of Wild's hinged-vane type (see B.S.E., Vol 2, p 440). 2. The use of the impulsometer instead of a Venturi device for the determination of flow velocity in a conduit cannot be acknowledged as rational since the velocities in the cross section of a pipe conduit are not uniform and, therefore, the readings even of an "absolutely accurate"

Card 1/2

SOV/124-57-3-3312

The Impulsometer and Its Operation

impulsometer are not meaningful. 3. The application of the theory of the absolutely inelastic impact referred to in the article under review cannot be recommended for the calibration of the impulsometer scale, since in the case of a flow past a plate this theory would be quite inaccurate.

V. I. Vasil'yev

Card 2/2

KELLER, S.Yu., kand.tekhn.nauk

Mechanized harvesting of kernel and ear corn. Visnyk sil'hosp.
nauky 4 no.8 ill-14 Ag '61. (MIRA 14:7)

1. L'vovskiy sel'skokhozyaystvennyy institut.
(Grain--Drying) (Corn (Maize)--Drying)

L 23877-66 EWT(i)/EWT(m)/EPF(n)-2/T/ETC(m)-6 WW/DJ/ME
ACC NR: AP6009922 (A,N) SOURCE CODE: UR/0413/66/000/004/0117/0117

AUTHOR: Bakharev, A. P.; Tumanova, A. S.; Lisitsyn, A. A.; Rodnikov, V. A.; Pozharov, M. A.; Rezvov, K. M.; Smirnov, M. P.; Latysh, V. S.; Kryuchkov, V. Ye.; Filippov, V. V.; Keller, U. U.; Kislov, V. G.; Gryaznov, Yu. A.; Koshman, E. I.; Mos'kin, V. A.; Polonskiy, S. N.; Fedoseyev, N. I.; Lavrov, L. I.

64
B

ORG: none

TITLE: A sectional high-pressure fuel pump. Class 46, No. 179124

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 117

TOPIC TAGS: engine fuel pump, internal combustion engine, high pressure pump

ABSTRACT: This Author's Certificate introduces: 1. A sectional high-pressure fuel pump for internal combustion engines. The pumping elements and camshaft are located in the pump housing. The unit also contains a general-purpose regulator with weights mounted on a hub which is fitted loosely onto the camshaft. These weights operate a clutch which is connected to the fuel pump rod by a lever mechanism. The hub with the weights is connected to the camshaft by a helical spring element for stable operation of the pump under given conditions. 2. A modification of this pump in which the lever mechanism is made up of two levers mounted on a common axis.. One of these levers

UDC: 621.43.031

Z

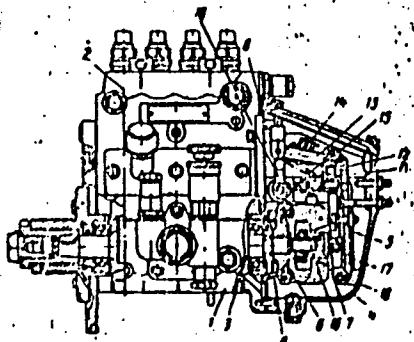
Card 1/3

L 23877-66

ACC NR: AP6009922

is connected to the pump rod drawbar and the other is connected to the regulator spring. The lever fastened to the drawbar is also coupled with another spring which

1--housing; 2--pumping element; 3--camshaft; 4--general-purpose regulator; 5--weights; 6--hub; 7--regulator clutch; 8--rod; 9--helical spring element; 10--common axis; 11 and 12--control levers; 13--drawbars; 14--regulator spring; 15--extra spring; 16--stem; 17--clutch cavity; 18--control lever



moves this lever to increase fuel feed during starting of the engine. 3. A modification of this fuel pump in which the regulator clutch is mounted on the stem of the camshaft and prevented from rotating by lugs on one of the levers which fit into grooves on the clutch. The clutch cavity bounded by the end of the shaft is filled with oil for damping. 4. A modification of this pump in which the additional spring coupled with the lever mechanism has its other end

connected to the motor control lever so that the spring is out of operation when the control lever is moved to the minimum idling speed position after the motor is started. 5. A modification of this pump in which the lever is connected to the pump rod

Card 2/3

L 23877-66

ACC NR: AP6009922

drawbar by an eccentric to change the cyclic feed of the pump during regulation without changing the speed conditions of the regulator.

SUB CODE: 13/ SUBM DATE: 13Apr62/ ORIG REF: 000/ OTH REF: 000

Card 3/3ddaa

MARTINEK, J.; Tekhnichesky sotrudnik Vera Keller

Interspecies variabilities in glycogen content in the skeletal muscles following denervation. Physiol. bohem. 5 no.1:78-83
1956.

1. Fiziologichesky institut Chekhoslovatsky Akad. nauk, Praga.
(MUSCLES, metabolism,
glycogen, eff. of denervation, variability in various
animals (Rus))
(GLYCOGEN, metabolism,
musc., eff. of denervation, variability in various animals
(Rus))

KELLER, Vladimir Romanovich (1908-); GLADKOV, T., red.; TAMULEVICH, T.,
tekhn. red.

Sergei Vavilov. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1961.
238 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no.8(322))
(MIRA 14:11)
(Vavilov, Sergei Ivanovich, 1891-1951)

POKORNY,J.; KRACMAR,J.; KELLER,V.

The Kofler block and possibilities of its use in pharmacy. V.
Determination of the tempareture of critical mixtures. Cesk.
farm. 13 no.1:23-29 Ja'64.

1. Katedra farmaceuticke chemie farmaceuticke fakulty UK,
Bratislava, a Statni ustav pro kontrolu leciv, Praha.

KELLER, Włodzimierz, mgr inż.

Roentgenographic method of research on the stresses in subsurface layers. Przegl mech 21 no.15:473-475 10 Ag '62.

1. Politechnika, Warszawa.

SOLSKI, Paweł, doc. dr. inż.; BUCH, Alfred, doc. inż.; GORSKI, Eugeniusz, dr. inż.; KOCANDA, Stanisław, dr. inż.; WOJCIK, Franciszek, doc., dr. inż.; PYTKO, Stanisław, mgr. inż.; ROZNOWSKI, Tadeusz, mgr. inż.; KACZMAREK, Jan, doc. dr. inż.; KELLER, Włodzimierz, mgr. inż.; CEGIELSKI, B., mgr. inż.; ZIEMBA, Stefan, prof. zwycz. dr. inż.; JANECKI, Janusz, pplk. dr. inż.

The 1st Problematic Conference on: "The role and research methods of the subtersurface layer." Summary of major voices in the discussion. Przegl mech 21 no.13:411-413 10 Jl '62.

1. Politechnika, Warszawa (for Solski, Keller).
2. Instytut Mechaniki Precyzyjnej, Warszawa (for Buch).
3. Wojskowa Akademia Techniczna, Warszawa (for Kocanda, Ziembra and Janecki).
4. Politechnika, Szczecin (for Gorski).
5. Politechnika, Gdańsk (for Wojcik).
6. Akademia Górnictwa-Hutnicza, Krakow. (for Pytko).
7. Instytut Podstawowych Problemów Techniki, Polska Akademia Nauk, Warszawa (for Roznowski).
8. Instytut Ochrony Skrawniem, Krakow (for Kaczmarek).
9. Politechnika Poznań (for Cegielski).

GEL'CHINSKIY, M.L.; DEMAT, M.P.; RYAPOLOV, A.P.; TOKAREV, K.K.; CHIZHOVA, A.N.;
MEDRIGAYLOV, V.G.; VITENBERG, V.I.; KELLER, Ya.K.; KOLOSOV, S.N.;
MAKOVITSKIY, B.K.

Drum-pattern for erecting metal towers made of enlarged blocks. Rats. i
izebr. predl. v stroi. no.119:27-29 '55. (MIRA 9:7)
(Towers)

GANCEVICI, G.; STOIAN, I.; KELLER, Zoe

Cytochemical localization of fats in tissue cultures (alkaline
Nile blue test). Arch. roum. path. exp. microbiol. 21 no.1:191-202
Mr '62.

1. Travail de l'Institut "Dr. I. Cantacuzino" --- Service de la
Poliomyelite, Laboratoire des Cultures de Tissus.
(TISSUE CULTURE) (FATS) (STAINING AND STAINING)
(OXAZINES)

KELLERMAN, B.; YEGOROV, V.; SAVCHENKO, N.

Readers' suggestions. Fin. SSSR 19 no.2:73-74 F '58.
(MIRA 11:3)

1. Nachal'nik finansovogo otdela Upravleniya promyshlennosti stroitel'nykh materialov Mosoblssovarkhesa (for Kellerman).
2. Upravlyayushchiy Lomonosovskim otdeleniyem gosbanka (for Yegorov)
3. Starshiy revizor-inspektor Sumskogo oblfinotdela (for Savchenko).
(Finance)

KELLERMAN, B.

Deficiencies in the operation of departmental housing fund.
Fin.SSSR 20 no.10:72-74 O '59. (MIRA 12:12)

1. Zamestitel' glavnogo bukhaltera Upravleniya promyshlennosti
stroitel'nykh materialov Mosoblsovnarkhoza.
(Moscow Province--Housing--Finance)

KELLERMAN, B.

Put the hidden potentialities of the cement industry into
operation. Fin.SSSR 23 no.11:27-29 N '62. (MIRA 15:12)
(Moscow Province--Cement industries)

KELLERMAN, G.I.

Safety in electric welding. Prom. energ. 20 no.2:61 '65.

1. Chernorechenskiy khimicheskiy zavod imeni Kalinina. (MIRA 18:4)

KELLERMAN, G.I., inzh.

Concerning the new edition of "Safety regulations for protection from static electricity in chemical plants." Prom. energ. 20 no. 5; 13-15 My '65.
(MIRA 18:7)

KELLERMAN, P.M.

Automatic manufacture of oil-removing piston rings from a steel
strip. Mashinostroitel' no.48-10 Ap'64
(MIRA 17:7)

KELLERMAN, P.M.

Automatic line for the manufacture of fastening pins. Mashino-
stroitel' no.11;8-9 N '63. (MIRA 16:11)

KELLERMAN, P.M.

Automatic machine for cutting and bending wire. Mashinostroitel'
no.7:11 J1 '63. (MIRA 16:9)
(Cutting machines)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721510011-3

KELLERMAN, P.M., Inst.

Automatic fettling of castings. Mekh. i Avtom. proizv. 18
no.635-9 Je '62.
(MIRA 17:2)

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CIA-RDP86-00513R000721510011-3"

KORKH, E.G., inzh.; KELLEMAN, P.M., inzh.

Automatic line for the manufacture of funnels for manure spreaders.
Mekh. i avtom.proizv. 19 no.1:1-4 Ja '65.

(MIRA 18:3)

KELLERMAN, V.V.; TSYURUPA, I.G.

Sources of available iron in the soil. Pochvovedenie no.10;
53-61 O '65.
(MIRA 18:11)

1. Pochvennyy institut imeni Dokuchayeva.

KELLERMAN, V.V.; TSYURUPA, I.G.

Stability of bonds between ferrous films and minerals occurring
in soils. Pochvovedenie no.1:74-83 Ja '62. (MIRA 17:1)

1. Pochvennyy institut imeni V.V. Dokuchayeva.

KVARNICKA, E.

Activites of the Experimental Yeast Laboratory of the Industrial Fermentation Works in Trenčín, 1956. p. 217.

KVARNÍ PRŮmysl. (Ministerstvo potravinářského průmyslu)
Praha, Czechoslovakia Vol. 5, no. 9, Sept. 1959.

Monthly List of East European accession, (EAAJ), IC, Vol. 7, No. 12, Dec. 1959
Uncl.

KELLERMAN, P.M.

The AK automatic unit for making wire core irons. Biul. tekhn.-ekon.
inform. no.10:10-11 '59. (MIRA 13:3)
(Coremaking)

KELLERMAN, P.M., inzh.

Automatic manufacturing of wird founding frames. Trakt. i
sel'khozmash. 30 no.10:42-43 O '60. (MIRA 13:9)
(Machine tools)

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721510011-3

REF ID: A6574

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721510011-3"

KELLERMAN, V. V., GORBUNOV, N. I., and ANTIPOV-KARNTAYEV, I. M.

"On the Colloid Chemical Nature of Soil Aggregates" (O kolloidno-khimicheskoy prirode pochvennykh agregatov) from the book Trudy of the Third All-Union Conference on Colloid Chemistry, pp. 171-181, Iz. Akad. SSSR, Moscow, 1956

(Report given at above Conference, Minsk, 21-4 Dec 53)

Authors: Soil Institute AS USSR, Moscow

KELLERMAYER, V.V.; TSYURUPA, I.G.

Ivan Nikolaevich Antipov-Karataev; 1888- his 75th birthday.
Pochvovedenie no.4:113-114 Ap '64. (MIRA 17:10)

HUNGARY

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721510011-3"

HEIM, Tibor, KELLERMAYER, Miklos, Medical University of Pecs, Pediatric Clinic and Institute of Pathological Anatomy (Pecsi Orvostudomanyi Egyetem, Gyermekklinika es Korbonctani Intezet).

"Effect of Starvation on Brown Adipose Tissue in the Newborn Rabbit (Preliminary Communication)."

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol XXX, No 1, 1966, pages 107-109.

Abstract: [English article] The influence of environmental temperature changes on changes in the brown adipose tissue during starvation was investigated in newborn rabbits. The changes observed are described. The conclusion was reached that brown adipose tissue does not seem to respond in the same manner as the white one to stimuli produced by starvation. Brown fat is mobilized in response to cold but not during starvation in a thermoneutral environment, whereas white fat apparently serves as a general metabolic reserve and is used, during starvation, both in the absence and presence of increased heat production in response to cold. 1 Hungarian, 9 Western references. [Manuscript received 21 May 66.]

1/1

- 62 -

RUTTKAY-NEDECKY, I. KELLEROVA, E.

Changes in ECG ventricular gradient in orthostatic test in comparison
with changes in standards leads. Cesk. fysiolog. 8 no.5:431 S '59

1. Oddelenie klinickej fysiologie Ustavu experimentalnej mediciny
SAV, Bratislava.
(ELECTROCARDIOGRAPHY)

RUTTKAY-NEDECKY, I.; KELLEROVA, E.

Central nervous system influence on the degree of vasoconstriction
in the cutaneous region produced by deep inspiration. Cesk.fysiol.
9 no.3:260 My '60.

1. Ustav experimentalnej mediciny SAV, Bratislava
(VASOMOTOR SYSTEM physiol)
(RESPIRATION physiol)
(REFLEX CONDITIONED)

RUTTKAY-NEDECKY, I.; KELLEROVA, E.

Effect of reserpine on reflex vasoconstriction caused by deep inspiration in the cutaneous acral region. (Preliminary communication). Cas.lek.cesk 100 no.27/28:884-885 7 Jl '61.

I. Oddelenie klinickej fyziologie Ustavu experimentalnej mediciny SAV, Bratislava.

(RESERPINE pharmacol) (VASOMOTOR SYSTEM pharmacol)
(RESPIRATION physiol)

RUTTKAY-NEDECKY, I.; KELLEROVA, E.

An objective test for the determination of the onset and duration of the activity of monoamine oxidase inhibitors in man. Activ. nerv. sup. 4 no.2:200-201 '62.

1. Ustav experimentalnej mediciny SAV, Bratislava.

(MONOAMINE OXIDASE INHIBITORS pharmacol)

RUTTKAY-NEDECKY, I.; KELLEROVA, E.

Conditioned vasoconstriction in the acral region of the skin produced by a single deep inspiration. Bratisl. lek. listy 42 no.10:610-617 '62.

1. Z Ustavu experimentalnej mediciny Slovensky akademie vied v Bratislave, riaditeľ očen korespondent Slovensky akademie vied J. Antal, Dr. Sc.

(REFLEX CONDITIONED) (VASOMOTOR SYSTEM physiol)
(SKIN blood supply) (RESPIRATION physiol)

RUTTKAY-NEDECKY, I.; KELLEROVA, E.

Acquirement of rhythm and conditioned vascular reflexes. Activ. nerv.
sup. 4 no.3/4:146-150 '62.

1. Institute of Experimental Medicine of the Slovak Academy of Sciences,
Bratislava.
(REFLEX CONDITIONED) (VASOMOTOR SYSTEM) (RESPIRATION)
(PLETHYSMOGRAPHY)

CZECHOSLOVAKIA

I. RUTIKAY-NEDECKY and E. KELLEROVA, Institute of Experimental Medicine of the Slovak Academy of Sciences (Ustav experimentalnej mediciny SAV,) Bratislava.

"Effect of Small Doses of Reserpine on Conditioned Vasoconstriction in the Acral Skin Region."

Prague, Activitas Nervosa Superior, Vol 5, No 2, May 63; pp 188-189.

Abstract : Reserpine 0.25 mg./day for 3, 7, 11 days in 10 normal persons on susceptibility of conditioned forearm skin vasoconstriction reflex to unconditioned deep breath. Conclusion: reserpine at small doses affects peripheral adrenergic structures but does not influence formation or retention of neurovasomotor or motor connections. Two Czech references.

1/1

19

The rhythm of vasomotor excitability in the acral skin zone.
Physiol. Bohemoslov. 13 no.2:179-186 '64.

1. Institute of Experimental Medicine, Slovak Academy of Sciences, Bratislava.

KELLEROVA, E.; RUTTKAY-NEDECKY, I.

The influence of spontaneous variation of unconditioned reaction intensity on conditioning. Activ. nerv. sup. 6 no.1:62-63
'64.

*

KELLEROVA, E.

The effect of mechanical factors on the origin of respiratory waves in the plethysmogram of the hand. Physiol. Bohemoslov. 14 no.4:383-389 '65.

1. Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, Bratislava. Submitted October 19, 1964.

retention or conditioned vasomotor activity than reflexes transforming sympathetic impulses into to reserpine than reflexes transforming sympathetic impulses into vasomotor activity. 2 Figures, 1 Table, 14 Western, 3 Czech references. Manuscript received 14 Jan 66). Article is in English.

1/1
APPROVED FOR

CZECHOSLOVAKIA

KELLEROVA, E.; RUTTKAY-NEDECKY, I.; Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, Bratislava.
Orig. version not given

"Changes in Respiratory and Heart Rates Induced by Repeated Visual Stimulation."

Prague, Activitas Nervosa Superior, Vol 8, No 2, Jun 66, p 218

Abstract: Changes in respiratory and heart beat rates were observed in 11 healthy subjects; the stimuli were weak light and similar light stimuli with a signal meaning. Pulse acceleration was significantly more frequent in cases in which the stimulus elicited the vasomotor component of the orienting reaction. The correlation was significant only in comparisons of whole groups; in individual cases the coincidence was not too obvious. No references. Submitted at the 4th Conf. of Exper. and Clin. Study of Higher Nerv. Functions at Mar. Lazne, 12-15 Oct 65. Article is in English.

1/1

BARTOS, Vladimir; Technicka spoluprace KELLEROVA, Olga; PELIKANOVA, Vlasta

Direct examination of the exocrine secretion of the pancreas following
the stimulation with Secretin Spofa. Sborn. ved. prac. lek. fak. Karlov.
univ. (Brad Kral) 4 no.3:369-377 '61.

1. I interni klinika; prednosta Dr. Sc. prof. MUDr. Jan Rehor.

(PANCREATIN) (GASTROINTESTINAL HORMONES pharmacol)

BARTOS, Vladimir; GROH, Jindrich; technicka spoluprace: KELLEROVA, Olga;
PELIKANOVA, Vlasta.

Importance of determining serum transaminase in patients
with chronic recurrent pancreatitis. Sborn.ved.prac.lek.
fak.Karlov.Univ.(Hrad.Kral.) 6 no.3:325-329 '63.

1. I interni klinika, Universita Karlova (prednosta: prof.,
MUDr. F.Cernik).

*